

Cloud-Based Data Sharing Connects Emergency Managers



Stennis Space Center

***StormCenter Communications Inc.
Baltimore, Maryland***

NASA Technology

- ◆ Stennis researchers develop capabilities for remote sensing and geographic information systems
- ◆ One particular need the Center had was for a geobrowser (or software that displays data spatially) that was platform-independent and could be accessed via the Internet

Partnership

- ◆ StormCenter completed Phase I and II Small Business Innovation Research (SBIR) contracts with Stennis to develop a 100 percent cloud-based geobrowser to use for real-time data sharing and collaboration
- ◆ GeoSync allows users to share data over the Internet, and GeoCollaborate allows participants to take turns controlling the collaboration session



Benefits

- ◆ Because the collaboration tools are cloud based, there is no need to rely on screen-sharing programs or other proprietary software
- ◆ StormCenter's tools are used by the Volcanic Ash Advisory Center in Alaska and have been recommended for adoption by international agencies in global volcanic ash coordination